RADIUS server
(Authentication server) ～20 (B)

AP
(Authenticator) ～30 (B)
RT ～31

STA (B)
(Supplicant) ～40 (B)

IP network ～10

RADIUS server
(Authentication server) ～20 (A)

AP
(Authenticator) ～30 (A)
RT ～31

STA
(Supplicant) ～40 (B)

STA
(Supplicant) ～40 (A)

Movement

F I G. 1

Rule table (RT)   31

EAP-Response/Identity comparison character string (conditional pattern)	RADIUS information (IP address, port No., shared secret, etc.)
DOMAIN-A¥*	RADIUS-B
*@domain····co.jp	RADIUS-A
⋮	⋮

F I G. 2

(3) ⟶ EAP-Response/Identity reception

Refer to rule table ——S31

EAP-Response/Identity present ? ——S32

NO ⟶

YES

Obtain matched RADIUS server information (IP address, port No., shared secret, etc.) and determine RADIUS server for authentication ——S33

(4) ⟶ Transfer access request to determined RADIUS server ——S34

To next processing

Failure ——S35

RET

F I G. 3

Domain A

| Authentication server (A) |
| Authenticator (A) |
| Supplicant (A) |

Domain B

| Authentication server (B) |
| Authenticator (B) |
| Supplicant (B) |

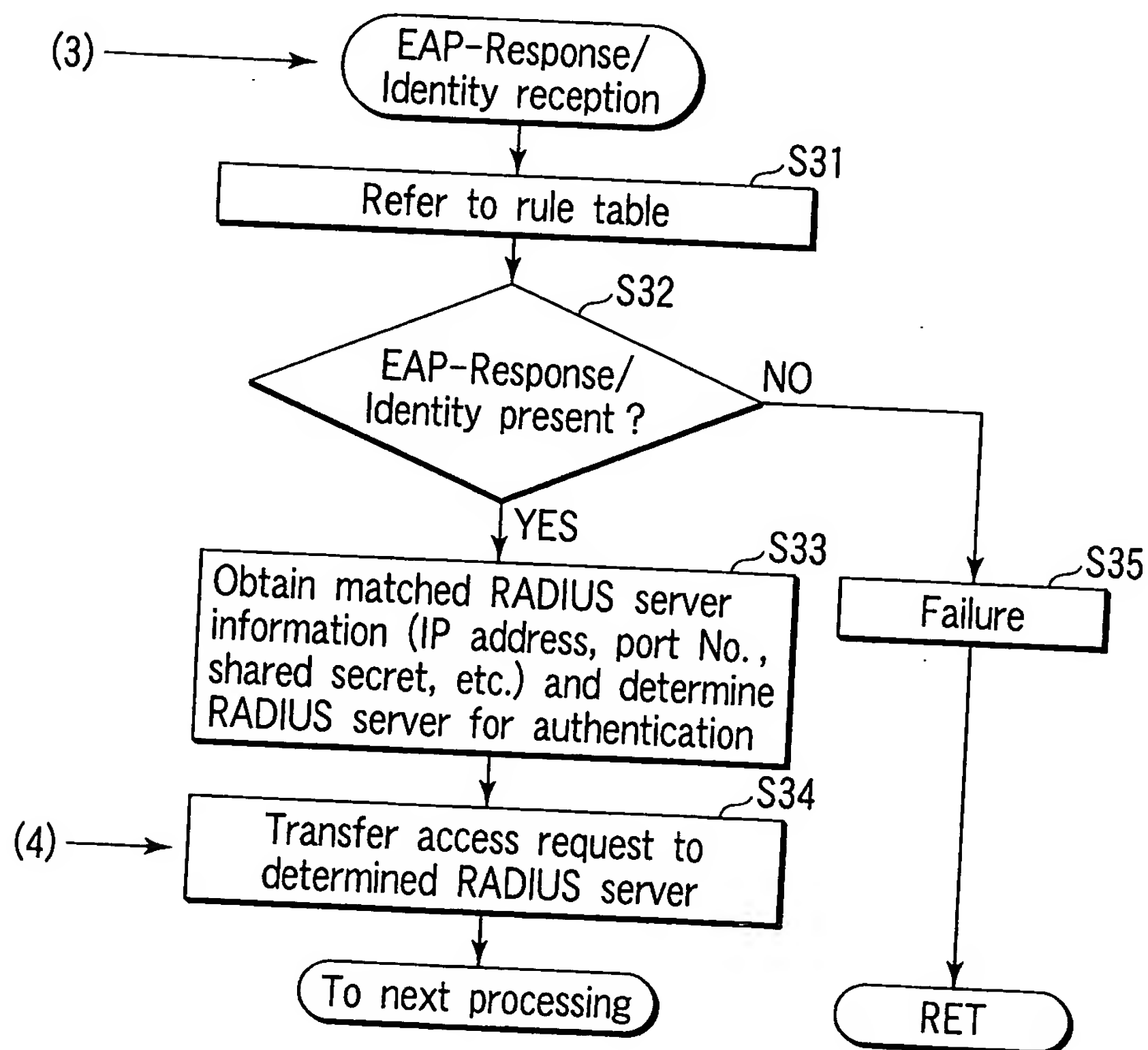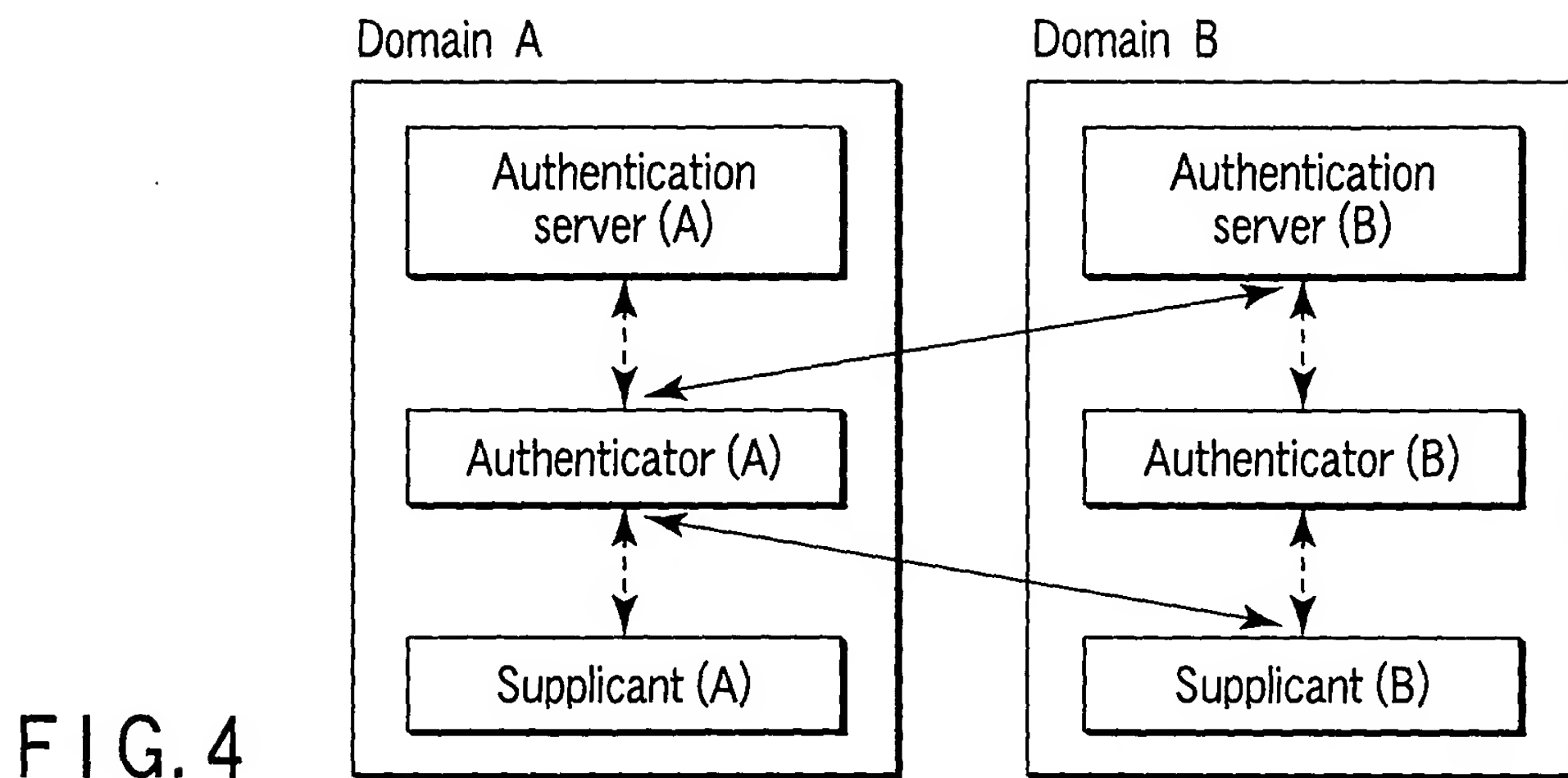FIG. 4

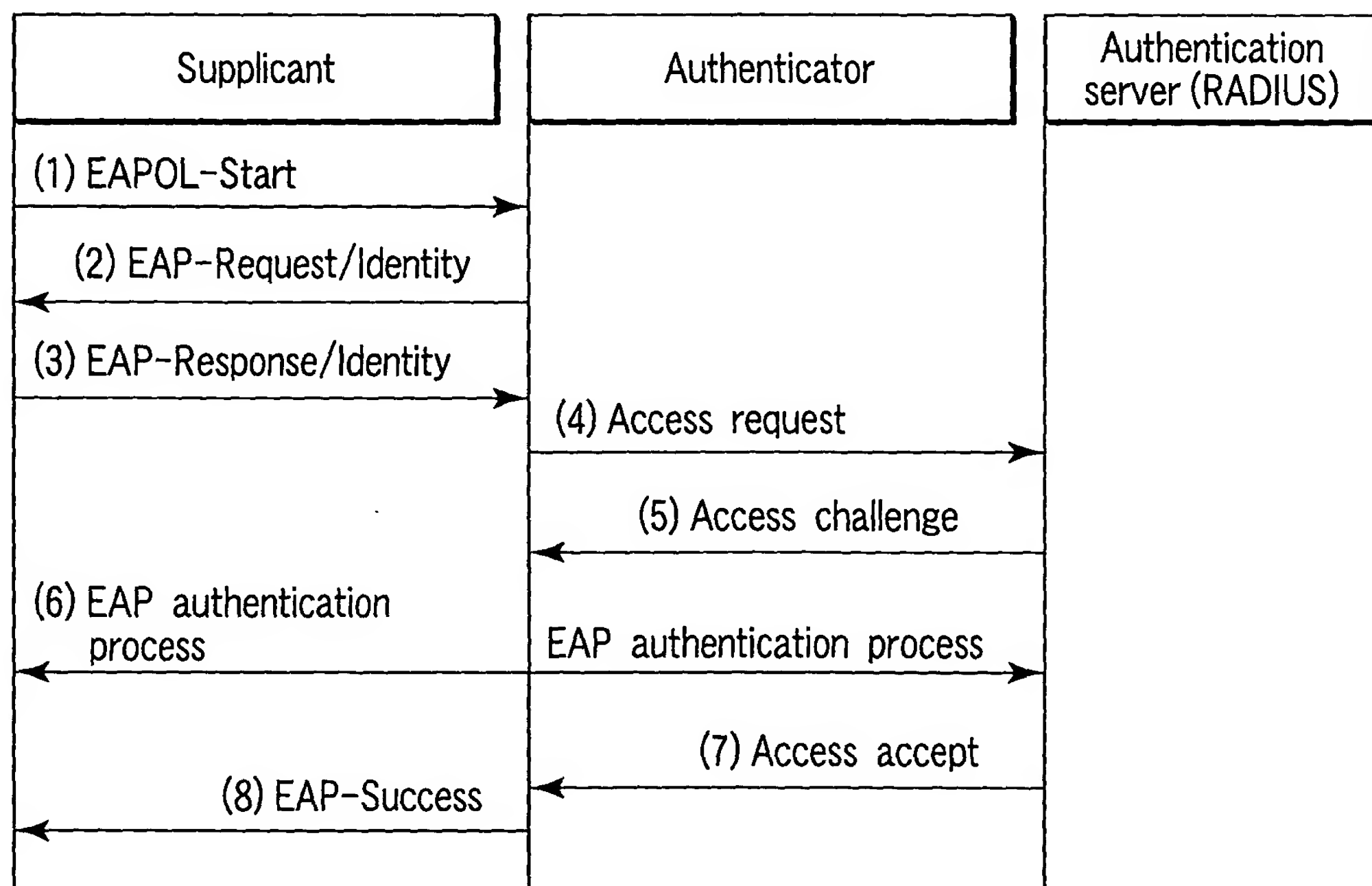| Representation using NETBIOS domain name	Described in a form of <Domain name>¥<User name> e.g. : DOMAIN-A¥user01
Representation using DNS domain name	Described in a form of <User name>@<Domain> e.g. : user01@domain-a.tos×××.co.jp

FIG. 5

Supplicant	Authenticator	Authentication server (RADIUS)

(1) EAPOL-Start

(2) EAP-Request/Identity

(3) EAP-Response/Identity

(4) Access request

(5) Access challenge

(6) EAP authentication process   EAP authentication process

(7) Access accept

(8) EAP-Success

FIG. 6